

# RESOLUTION LAW GROUP, P.C.

3687 MT. DIABLO BLVD., SUITE 330  
LAFAYETTE, CALIFORNIA 94549  
925-284-0840  
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**MICHAEL O. NELSON**  
MON@ResLawGrp.com

December 29, 1998

**BY FEDERAL EXPRESS**

E.G. Solomon  
Associate Engineering Geologist  
California Regional Water Quality Control Board  
Los Angeles Region  
101 Centre Plaza Drive  
Monterey Park, CA 91754-2156

RE: 204 South Motor Avenue, Azusa, California  
RLG File No. 01-1504-0001  
RWQCB File No. 108.0943


Dear Mr. Solomon:

In response to the California Regional Water Quality Control Board's request of October 1, 1998, enclosed please find the consultant's report for the first episode of testing at the above noted property for perchlorate, 1,4-dioxane, NDMA and MTBE.

Should you have any questions, please do not hesitate to call me.

Very truly yours,

RESOLUTION LAW GROUP, P.C.



Michael O. Nelson

MON:bes  
Encl.

50 DEC 30 11:20  
QUALITY CONTROL BOARD  
LOS ANGELES REGION

## **GROUND ZERO ANALYSIS, INC.**

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1714 Main Street  
Escalon, California 95320-1927  
Telephone: (209) 838-9888  
Facsimile: (209) 838-9883

### **Privileged and Confidential Attorney-Client Work Product**

December 23, 1998

Mr. Mike Nelson  
Resolution Law Group  
3687 Mt. Diablo Blvd., Ste. 330  
Lafayette, CA 94549

Subject: Groundwater Monitoring and Sampling at  
204 South Motor Avenue, Azusa, California

Dear Mr. Nelson:

At your request, Ground Zero Analysis, Inc. (Ground Zero) is submitting this groundwater monitoring and sampling report for the above referenced site.

Activities conducted on November 10, 1998 included monitoring the water level in well MW1, purging and sampling groundwater from the well, collecting groundwater samples and submitting the samples to a state-certified laboratory for analysis. Field work was conducted by Strongarm Environmental Field Services under contract to Ground Zero.

Prior to purging, the static depth to water measured in well MW1 was 246.50 feet below ground surface (bgs). Depth to bottom was measured at 302.00 feet bgs.

Three casing volumes of water were purged from well MW1 prior to sampling. Temperature, pH and electrical conductivity were measured during purging to ensure representative sampling. Stability of these parameters was achieved and samples were collected after 87% well recovery. The purge log is included in Attachment A. Purge water was stored on-site in DOT-approved 55 gallon drums pending disposal.

The samples were delivered under chain of custody to Weck Laboratories, Inc. (ELAP #1132) where they were analyzed for perchlorate using EPA method 300; 1,4-dioxane using EPA method 8270; and for methyl tert-butyl ether (MTBE) using EPA method 8260. Additional sample matrix was transferred by Weck to Pacific Analytical, Inc. (ELAP #1466) where it was


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Mr. Mike Nelson  
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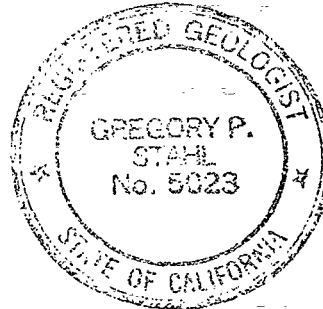
analyzed for N-nitrosodimethylamine ("NDMA") using EPA method 1625C. Laboratory reports are included in Attachment B.

If you have any questions or comments, please contact Ground Zero at your earliest convenience.

Sincerely,  
Ground Zero Analysis, Inc.



Gregory P. Stahl, RG 5023  
CA Certified Hydrogeologist 264



Attachments



13562 Pumice Street, Norwalk, CA 90650

(562) 404-6656 • FAX (562) 404-9357

**FACED**

<b>Monitoring Well Sampling Form</b>		Date: 11-10-98
Project Name: Ground Level - A2-4 Job# 47-153		Recorded by: TK
Location: 264 S. Motor Ave. A2-5A		

Note: All measurements are from top of casing. Note: 2" = 0.16 g/ft., 3" = 0.36 g/ft., 6" = 0.65 g/ft., 1.5 g/ft.

Well No. MW-1		Diameter: 4"		Sample Time: 10:10			
Product Depth:		Water Column: 55.50		Dissolved Oxygen: mg/L			
Water Depth: 246.50		Casing Volume: 36.08		Oxygen Reduction Potential: mV			
Total Depth: 302		Purge Volume: 108.23					
Time	Sample	Volume Pumped	Water Temp.	Water pH	Water Cond.	Water Turbid.	Remarks:
0722 Measured Well							
0745	1	2	60.1	7.36	975	38.4	Clear
0808	2	22	58.9	7.26	679	2200	mark
0834	3	44	61.0	7.83	638	2200	"
0858	4	66	63.2	7.97	651	2200	"
0921	5	88	63.4	8.02	648	2200	"
0942	6	110	63.7	7.90	651	2200	"

Sample information:

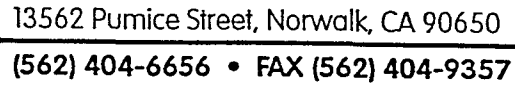
Time	I.D.	Water Depth	Water Temp.	Water pH	Water Cond.	Water Turbid.	Remarks:
10:10	MW-1	253.6	67.3	7.91	687	2200	clarity

Well No.		Diameter:		Sample Time:			
Product Depth:		Water Column:		Dissolved Oxygen: mg/L			
Water Depth:		Casing Volume:		Oxygen Reduction Potential: mV			
Total Depth:		Purge Volume:					
Time	Sample	Volume Pumped	Water Temp.	Water pH	Water Cond.	Water Turbid.	Remarks:
Measured Well							

Sample information:

Time	I.D.	Water Depth	Water Temp.	Water pH	Water Cond.	Water Turbid.	Remarks:





PERSONNEL: Tim Edgum

ADDITIONAL ACTION NEEDED:

## **ATTACHMENT B**

# Weck Laboratories, Inc.

Analytical & Environmental Services

**Client:** Resolution Law Group  
3687 Mt. Diablo Blvd.  
Lafayette, CA 94549

Attn.: Mr. Mike Nelson  
(925) 284-0840

**Lab ID#** 9830223

**Report Date:** Nov. 19, 1998

**Date Received:** Nov. 10, 1998

**Sample:** Water "MW1" taken by Tim Edgar on 11/10/98, 10:10 AM.

**Investigation:** See below as requested

## CERTIFICATE OF ANALYSIS

Parameter	Result	Units	PQL	Method	Analyzed
Methyl Tert Butyl Ether	ND	ug/L	1	EPA 8260B	11/11/98

*Jayna Kostura*  
Jayna Kostura  
tn



# Weck Laboratories, Inc.

## Analytical & Environmental Services

Client: Resolution Law Group  
3687 Mt. Diablo Blvd.  
Lafayette, CA 94549

Report Date: December 01, 1998

Received Date: November 10, 1998  
Tuesday 11:54/EA

Attn.: Mike Nelson

(925) 284-0840 x FAX

Project Name:

Project #: 97-153

Purchase Order #: 97-153

Normal Turnaround

### Certificate of Analysis

Lab#: 9830224 Sample ID: MW1 Matrix: Water  
Sampled By: Tim Edgar Date: 11/10/1998 Time: 10:10

Parameter	Result	Units	PQL	Method	Analyzed	Run #
Perchlorate.....	55.4	ug/L	4	EPA 300M	11/12/1998	98156703
1,4-Dioxane.....	10.8	ug/L	2	EPA 8270M	11/28/1998	98157048
N-Nitrosodimethylamine.....	ND	ug/L	0.03	Sub-contract	11/23/1998	98167102

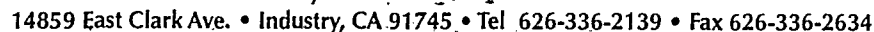
ND = Not Detected

PQL = Practical Quantifiable Limit

e = Estimated (> MDL, but < PQL)

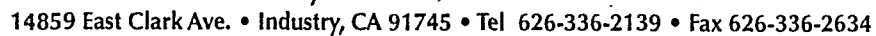
Any remaining sample(s) for testing will be disposed of three weeks from the final report date unless other arrangements are made in advance.

Tim Edgar  
Authorized Signature



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PINK - For Client



## Page \_\_\_\_\_ Of \_\_\_\_\_

DISTRIBUTION: WHITE & CANARY - For Laboratory PINK - For Client